Webinar: Connecting the Spanish and Dutch integrated photonics ecosystems

Both the Netherlands and Spain are home to a highly innovative network of integrated photonics players, each with their own distinctive technological propositions. This webinar will give you an introduction to the technology and to the Dutch cluster and Spanish technology platform of organisations that are active in the field of integrated photonics.

DATE & TIME

29/06/2021 at 15:00 – 16:45 (CEST)

ENABLING DISCUSSIONS

The aim of this series of events is to familiarise organisations with integrated photonic technology and introduce them to organizations that are active throughout different levels of the supply-chain (e.g., chip design, fabrication, packaging as well as application-level). There will be room for discussion between participants and speakers through an interactive networking tool in order to stimulate collaboration.

WHO SHOULD JOIN?

Organizations active in the field of (integrated) photonics that are curious to learn about the Dutch and Spanish capabilities related to this field.

AGENDA

Time (CEST)	Topic	Speaker
15:00 – 15:05	Welcome & introduction	Elena Beletkaia - EPIC
15:05 – 15:15	Photonic integration testing: Closing the loop from fabricated to measured devices	José Galán, Sales Manager - VLC Photonics
15:15 – 15:25	Integrated Photonics Design needs, services and tools	Katarzyna Ławniczuk, VP Senior Photonics Engineer – Bright Photonics
15:25 – 15:35	Programmable Integrated Photonics a new paradigm for optical computing and signal processing	José Capmany, Co-founder and Chief Operations Officer - iPronics
15:35 – 15:45	Monolithic InP integration	Stefano Aina, Commercial Director – Smart Photonics
15:45 – 15:55	(Hybrid) PIC packaging and the volume scale up	Jeroen Duis, Chief Commercial Officer – PHIX Photonics Assembly

15:55 – 16:05	The 3D LightField Sensor: a breakthrough in LiDAR.	Eduardo Margallo, Chief Executive Officer - Ommatidia LiDAR
16:05 – 16:20	Wrap up and Q&A	Elena Beletkaia - EPIC
16:20 – 16:45	Virtual networking	All

REGISTRATION LINK

Please register for the Webinar in the following link:

https://us02web.zoom.us/meeting/register/tZIqcO6qpjMrGdFpDPZj7fQFKfmdE012659U

SPEAKERS

Elena Beletkaia – EPIC

Dr. Elena Beletkaia is a project leader at EPIC, the European Photonics Industry Consortium. She has vast experience in multiple micro and spectroscopic techniques. Her expertise comes from research into the application of non-invasive spectroscopic / multiphoton methods for biomedical applications, e.g. intraoperative resection margins assessment during tumor excisions. She graduated from Lomonosov Moscow State University (MSU) specializing in biophysics and acquired her PhD at Leiden University in the physics of the life sciences.

José Galán, Sales Manager - VLC Photonics

Jose Galan MSc Eng., PhD in Silicon Photonics and MBA. Strong technical and business background in Information and Communication technologies. More than 14 years of experience in Technological Projects Management with agile methodologies assuming either Scrum Master or Product Owner role. Extensive professional experience as Head of the Presales and Business Application Engineering team. Responsible for capturing customer needs to offer added value products and solutions that generate business and satisfy customer needs. Comprehensive management of the project as a whole all along all the phases, including the definition of the idea, functional analysis, specification of requirements, as well as its development and implementation and final delivery and closing. Responsible for the project team to achieve continuous added value to the business. Strong business and commercial skills. KAM, management and maintenance of key accounts of the organization. Very results oriented, very proactive, and with great teamwork skills.

Katarzyna Ławniczuk, VP Senior Photonics Engineer – Bright Photonics

Dr. Katarzyna Ławniczuk received her Ph.D. degree in electrical engineering in 2014 from the Eindhoven University of Technology, the Netherlands, on the design and characterization of photonic integrated circuits. Her research focused on multi-wavelength lasers and high-speed modulators for access networks. After receiving her PhD she has been working as JePPIX coordinator and as project lead in a H2020 support act before joining Bright Photonics as VP, senior photonics.

José Capmany, Co-founder and Chief Operations Officer – iPronics

José Capmany, COO of iPronics (www.ipronics.com), is Professor of Photonics at Universitat Politècnica de València (UPV), Spain and entrepreneur. With 30 years' experience in photonic devices and systems research and technology transfer and over 500 scientific publications he is a Fellow of IEEE and OSA. In 2011 he co-founded VLC Photonics a leading design house in integrated photonics acquired by Hitachi in 2020 and iPronics, Programmable Photonics in 2019. He has received the King James I Award in Novel Technologies in 2012 and the National Research Award in Engineering in 2021 (the highest Scientific Distinctions in Spain) for pioneering contributions in RF and programmable photonics. In 2016, he received a prestigious ERC Advanced Grant to develop programmable integrated photonic systems for RF-Photonic applications and in 2019 an ERC Proof of Concept Grant to bring the concept to market.

Stefano Aina, Commercial Director – Smart Photonics

Stefano Aina has joined SMART Photonics in January 2021, where he is responsible of Sales, Marketing and Product Management. He has started his career as researcher in the field of optical fiber telecommunications, in Pirelli Optical, a company developing state-of-the art DWDM systems. He has worked for leading telecommunication system manufacturers like Cisco Systems, where he was Director of R&D in the IP/Optical Business, and Juniper Networks, where he was Director of EMEA Systems Engineering and Professional Services organizations.

Jeroen Duis, Chief Commercial Officer – PHIX Photonics Assembly

Jeroen Duis received his bachelor's degree from the Technical University of Rijswijk in 2001. After his study he worked 16 years within TE Connectivity. Within the Fiber Optic Business Unit and corporate technology team he held several positions in engineering, research, technology scouting and management. During this time, he gained a broad experience in laser processing of glass fibers, WDM multiplexing, low loss optical interconnects, next generation photonic chip packaging for applications in mobile phones, automotive and high-speed computing applications. In March 2017 he accepted a position at SMART Photonics, a scale up in Indium Phosphide wafer manufacturing where he was responsible for the business development. November 2018, Jeroen accepted a position as Chief Commercial Officer at PHIX Photonics Assembly where he is responsible for the commercial activities and the strategic direction for the hybrid packaging. He is the author and co-author of several publications and holds 15 patent applications in the field of optical interconnection technology.

Eduardo Margallo, Chief Executive Officer - Ommatidia LiDAR

Eduardo has over 10 years' experience in the launch and management of photonics technology companies. Co-founder and former CEO and COO of MedLumics S.L., he led the company through two rounds of VC financing (€3.5M and €34M), the market launch of a class II medical device and initial human trials of an image guided catheter. Eduardo holds M.Sc. level degrees in Telecommunication Eng. from the Polytechnic University of Madrid, in Electrical Eng. from the University of Stuttgart and in Physics from UNED. He also has a PhD in Photonics from Delft University of Technology and an MBA from IE Business School and Brown University.